506322495 10/27/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GURPREET S. BHULLAR	06/26/2015

RECEIVING PARTY DATA

Name:	SEMTECH CANADA CORPORATION		
Street Address:	4281 Harvester Road		
Internal Address:	Ontario		
City:	Burlington		
State/Country:	Canada		
Postal Code:	L7L 5M4		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17080692

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 20348P0001US03				
NAME OF SUBMITTER:	STEPHEN F. SWINTON, JR.			
SIGNATURE:	/Stephen F. Swinton, Jr./			
DATE SIGNED:	10/27/2020			

Total Attachments: 1

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PATENT REEL: 054172 FRAME: 0694

506322495

ASSIGNMENT

Whereas, I, a below named and undersigned inventor, have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: NON-LINEAR FILTER FOR DML

and further identified by the E application for a United States	Oocket Number provided abo s Patent was executed concur	ve in the header of this A rently herewith or was fi	ssignment, for which an led having:
Application No.:	(in	sert series code /serial nu	mber here if required)
Whereas, SEMTECH CANAI place of business at 4281 Harman "ASSIGNEE"), desires to acquinterest in and to the Invention	vester Road, Burlington, Ont uire, and I desire to grant to.	ario L7L 5M4, Canada (I ASSIGNEE, my entire w	nerein referred to as orldwide right, title, and
Now, therefore, for good and acknowledged, I ("ASSIGNO) have transferred to SEMTECH representatives, and assigns, midentified United States patent Invention which may be applications, including all divident counterparts, substitutes, and capplications and granting of states Patent and Trade issue any foreign patent, grant assigns, my entire worldwider its successors, legal representations and I agree to execute a polications, in ASSIGNEE, its successors, legal ASSIGNEE, its successors, legal accessors, legal representations, in ASSIGNEE, its successors, legal accessors, legal representations, in ASSIGNEE, its successors, legal accessors, legal representations, in ASSIGNEE, its successors, legal representations, in ASSIGNEE, its successors, legal representations.	R") hereby sell or have sold, H CANADA CORPORATION on the worldwide right, tit application, and any and all ed for or granted therefor in the extensions thereof, and all right patents. In addition, I he emark Office to issue any Unded for the Invention, to ASSI right, title, and interest in and tives, and assigns to the full intirely as would have been heart any and all documents a gathis Assignment or perfection successors, legal representations.	assign or have assigned, ON (the "ASSIGNEE"), le, and interest in and to to other patent applications the United States and in as, reexaminations, renewants of priority resulting freby authorize and requestited States Patent, and for IGNEE, its successors, led to the same to be held a lend of the terms for whice eld and enjoyed by me had instruments and perform title to the Invention a atives, and assigns, when	and otherwise transfer or its successors, legal he Invention, the above-and patents for the ll foreign countries and als, extensions, from the filing of such set the Director of the reign patent authorities to gal representatives, and and enjoyed by ASSIGNEE, hany and all such patents at this Assignment not rem all lawful acts and all related patents and
I acknowledge my prior and or to ASSIGNEE, and am unawar assign, and transfer my rights I execute, any document or instr representatives, and assigns, the limited to, patent Application I Assignment. This Assignment will be resolved in a New York	re of any reason why I may re hereby sold, assigned, and trand rument in conflict herewith, he right to insert in this Assig Number) which may be necestic is governed by the substanti	not have the full and unen unsferred, and have not en I also hereby grant ASSI nment any further identif ssary or desirable for receive laws of the State of N	cumbered right to sell, recuted, and will not GNEE, its successors, legal cation (including, but not ordation of this
(1) Name of Inventor: Gurpre	eet S. Bhullar		
Signature:	Roule-	Date:	26 JONE 2015

PATENT REEL: 054172 FRAME: 0695

RECORDED: 10/27/2020